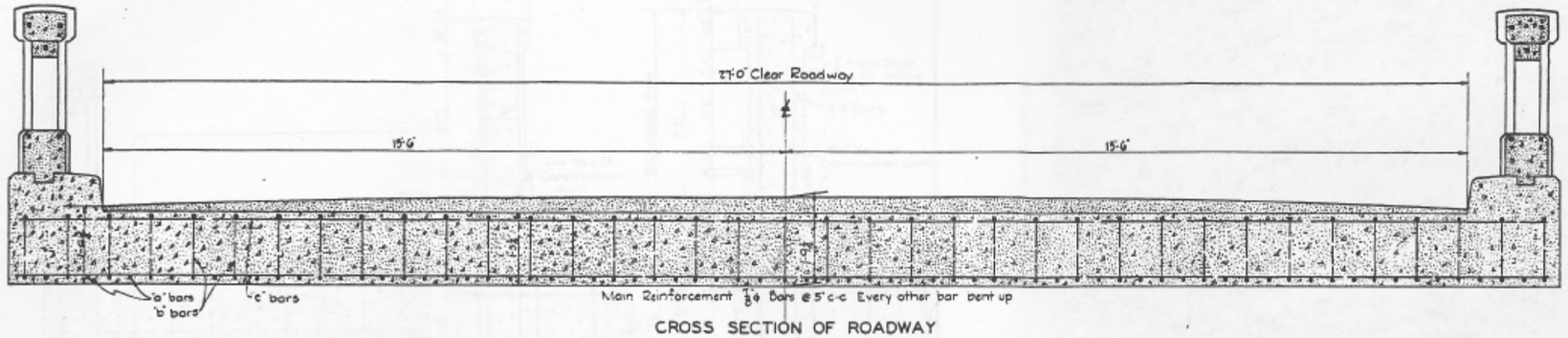
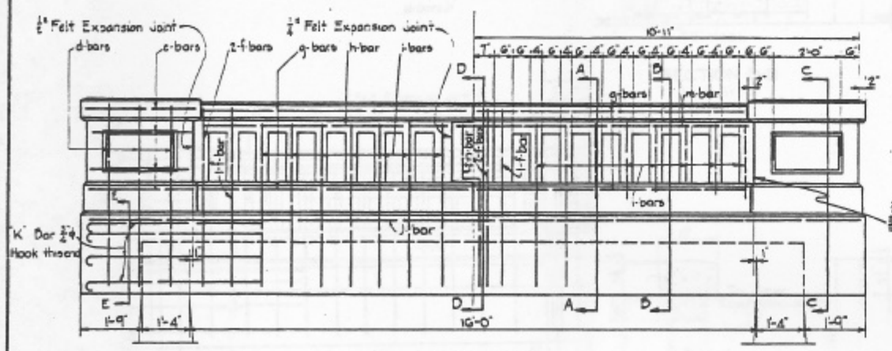
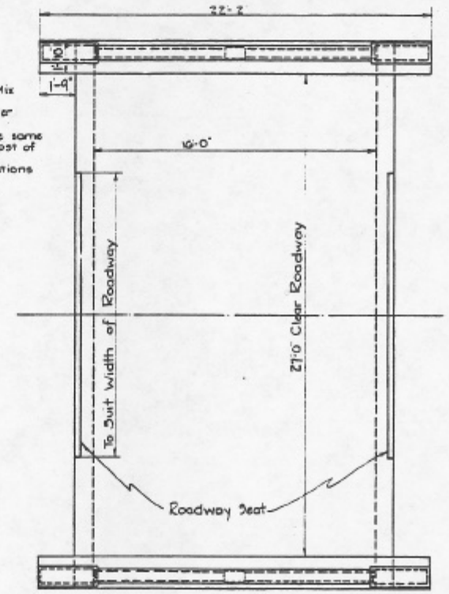


CROSS SECTION OF ROADWAY
Scale ¾" = 1'-0"

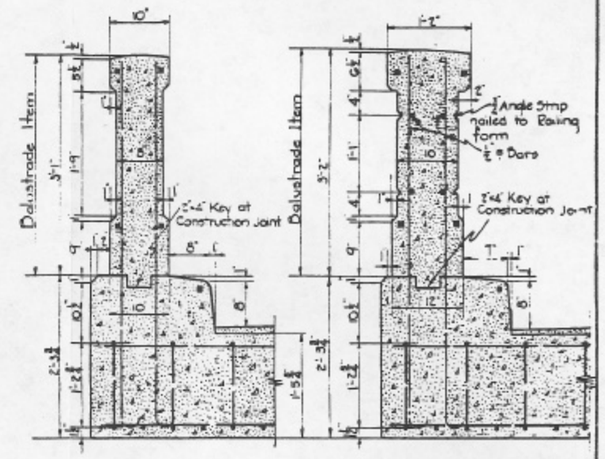


ELEVATION
Scale ½" = 1'-0"

General Notes
All Concrete in Superstructure to be Class A, 1:2:4 Mix
All steel to be deformed bars.
All intersecting bars shall be rigidly wired together with No. 16 annealed wire
Interior and exterior panelling on end posts to be same
Cost of felt expansion joints to be included in cost of Class "A" concrete
Specifications – Latest S.R.C. Bridge Specifications
Loading – H-20 as per U.S. Dept. of Agriculture Bulletin No. 1259

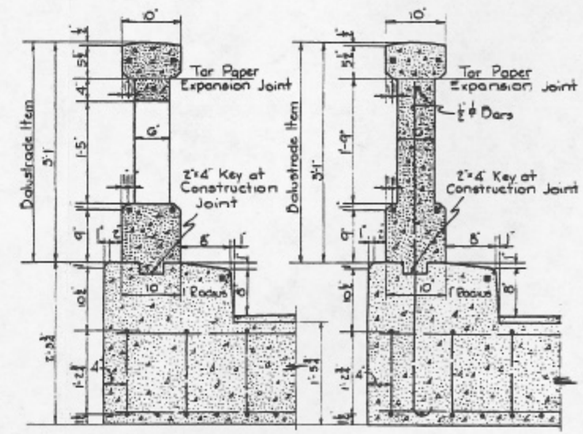


PLAN
Scale ¼" = 1'-0"



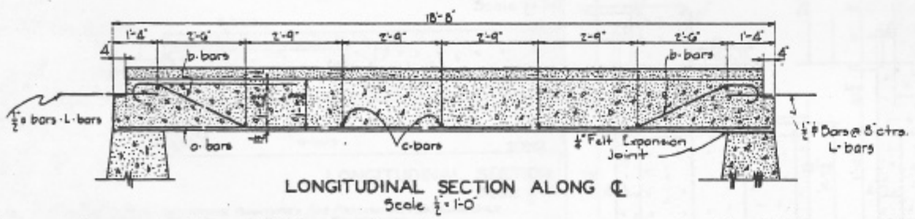
SECTION D-D
Scale 1" = 1'-0"

SECTION C-C
Scale 1" = 1'-0"

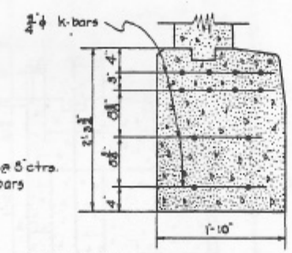


SECTION B-B
Scale 1" = 1'-0"

SECTION A-A
Scale 1" = 1'-0"



LONGITUDINAL SECTION ALONG ℄
Scale ½" = 1'-0"



SECTION E-E
Scale 1" = 1'-0"

Approximate Superestructure Quantities For Preliminary Estimate Only
38.51 C. Yds. Concrete Excluding Balustrades
3.80 C. Yds. Concrete in Balustrades

Total Weight Of Reinforcing Steel = 4,385#

Note	No.	Size	Length	Total Length	Wt. #/'	Total Wt.	Description
a	56	⅞" ϕ	18'-5"	663'-0"	2.04	1352.5	18'-5"
b	37	⅞" ϕ	19'-8"	727'-8"	2.04	1484.4	8" hook, 8" hook
c	7	⅞" ϕ	30'-5"	212'-11"	2.04	434.4	30'-5"
d	24	½" □	5'-9"	138'-0"	.85	117.3	6" hook
e	32	½" □	2'-10"	90'-8"	.85	77.1	2'-10"
f	12	½" □	5'-8"	68'-0"	.85	57.8	6" hook
g	16	½" □	7'-7"	121'-4"	.85	103.1	7'-7"
h	2	½" □	7'-2"	14'-4"	.85	12.2	7'-2"
i	30	½" □	5'-2"	155'-0"	.85	131.8	5'-2" 6" hook
j	2	½" □	21'-10"	43'-8"	.85	37.1	21'-10"
k	45	¾" ϕ	5'-8"	272'-0"	1.50	408.0	5'-8" 8" hook
L	80	½" □	2'-0"	160'-0"	.85	136.0	2'-0"
m	2	½" □	8'-4"	16'-8"	.85	14.2	8'-4"
n	4	½" □	5'-8"	22'-8"	.85	19.3	6" hook, 2'-1" 1'-4", Make this bend 90° from direction of rods

*These bars to be omitted if roadway surfacing is of other material than concrete.

Revisions
1. Expansion joints at end posts in handrail
changed from ¼" to ½" 9-28-31 W.J.M.

STATE OF MARYLAND
STATE ROADS COMMISSION
BALTIMORE, MD.

STANDARD 16'-0" SLAB BRIDGE
SUPERSTRUCTURE DETAILS

Scale Various — Mar. 1, 1930 — Contract

Made by J.L.B.
Traced by C.T.
Checked by
Correct — Bridge Engineer 5/5/30
Approved — Chief Engineer 5/6/30
Sheet No. # of